

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

DIVISION OF HIGHWAYS

LYNDO TIPPETT SECRETARY

October 10, 2011

PROJECT: 2B.104011, 2B.204011, 2B.105211, 2B.205211, 2B.105411, 2B.205411,

2.104011, 2.204011, 2.105211, 2.205211, 2.105411, 2.205411

COUNTIES: Greene, Jones, Lenoir

DESCRIPTION: Cutting and Removal of Vegetation and Debris at Designated Bridges,

Culverts, Pipes, Guardrails and Guiderails

ADDENDUM NUMBER 1

TO: Prospective Bidders

Please note the following revisions to the contract proposal for the above-referenced project. These revisions are necessitated due to the addition of vegetation removal around guardrail and guiderail being added to the original contract proposal.

- Replace the Proposal cover, pages 2-4, and pages 8-9 noting the addition of guardrail and guiderail with associated provisions and availability dates.
- The Bid Form has been revised reflecting additional Items 7 12. Original version of the Bid Form without these items will not be accepted.
- The Detail sheet has been revised showing the new limits of clearing.
- Additional Summary of Quantities pages for Guardrail have been added.

Please void the affected pages in your proposal and replace or insert with the revised pages as appropriate.

The remainder of the proposal document is unaffected. If you should have any questions concerning this addendum, please call me at (252) 695-2044.

Sincerely,

Aaron Bullard, PE

Division Contract Officer

Attachments

cc: Ms. Maria Rogerson, PE

Mr. John Hughes

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION



DIVISION 2

CONTRACT PROPOSAL SMALL BUSINESS ENTERPRISE

WBS ELEMENTS: 2B.104011, 2B.204011, 2B.105211, 2B.205211, 2B.105411,

2B.205411, 2.104011, 2.204011, 2.105211, 2.205211, 2.105411,

2.205411

COUNTIES: Greene, Jones, Lenoir

DESCRIPTION: Cutting and Removal of Vegetation and Debris at

Designated Bridges, Culverts, Pipes, Guardrails and

Guiderails

PRE-BID CONFERENCE: Wednesday, October 12, 2011 BID OPENING: Tuesday, October 25, 2011

NOTICE:

UNDER THE PROVISIONS OF THIS PROGRAM, A NC GENERAL CONTRACTOR'S LICENSE IS NOT REQUIRED NOR ARE CONTRACT PAYMENT AND CONTRACT PERFORMANCE BONDS REQUIRED. BIDDERS SHALL COMPLY WITH ALL OTHER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO, THOSE REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING, AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA.

NAME OF BIDDER

ADDRESS OF BIDDER

RETURN BIDS TO:

N. C. DEPARTMENT OF TRANSPORTATION Attn: Aaron Bullard, PE 105 Pactolus Highway P O Box 1587 Greenville, NC 27835-1587

Per items 11 - 13 of the instructions on page 2

INSTRUCTIONS TO BIDDERS

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE PREPARING AND SUBMITTING YOUR BID.

All bids shall be prepared and submitted in accordance with the following requirements. Failure to comply with any requirement shall cause the bid to be considered irregular and shall be grounds for rejection of the bid.

- The bid form furnished by NCDOT with the proposal shall be used and shall not be altered in any manner. DO NOT SEPARATE THE BID FORM FROM THE PROPOSAL!
- 2. All entries on the bid form, including signatures, shall be written in ink.
- 3. The Bidder shall submit a unit price for every item on the bid form. The unit prices for the various contract items shall be written in figures. Unit prices shall be limited to two (2) decimal places.
- 4. An amount bid shall be entered on the bid form for every item. The amount bid for each item shall be determined by multiplying each unit bid by the quantity for that item, and shall be written in figures in the "Amount Bid" column of the form.
- 5. The total amount bid shall be written in figures in the proper place on the bid form. The total amount shall be determined by adding the amounts bid for each item.
- **6.** Changes in any entry shall be made by marking through the entry in ink and making the correct entry adjacent thereto in ink. A representative of the Bidder shall initial the change in ink.
- 7. The bid shall be properly executed. All bids shall show the following information:
 - a. Name of individual, firm, corporation, partnership, or joint venture submitting bid.
 - b. Name and signature of individual or representative submitting bid and position or title.
 - c. Name, signature, and position or title of witness.
 - d. Federal Identification Number (or Social Security Number of Individual)
 - e. Contractor's License Number (if Applicable)
- **8.** Bids submitted by corporations shall bear the seal of the corporation.
- **9.** The bid shall not contain any unauthorized additions, deletions, or conditional bids.
- 10. The bidder shall not add any provision reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- 11. THE PROPOSAL WITH THE BID FORM STILL ATTACHED SHALL BE PLACED IN A SEALED ENVELOPE AND SHALL HAVE BEEN DELIVERED TO AND RECEIVED IN THE DIVISION TWO ENGINEER'S OFFICE AT 105 PACTOLUS HIGHWAY, GREENVILLE, NC 27834 BY 11:00 AM ON TUESDAY, OCTOBER 25, 2011.
- 12. The sealed bid must display the following statement on the front of the sealed envelope:

ATTN: AARON BULLARD, PE QUOTATION FOR VEGETATION REMOVAL AT BRIDGES, CULVERTS, PIPES, GUARDRAILS, AND GUIDERAILS IN GREENE, JONES, LENOIR COUNTIES TO BE OPENED AT 11:00 AM, TUESDAY, OCTOBER 25, 2011

13. If delivered by mail, the sealed envelope shall be placed in another sealed envelope and the outer envelope shall be addressed as follows:

NC DEPARTMENT OF TRANSPORTATION ATTN: AARON BULLARD, PE PO BOX 1587 GREENVILLE, NC 27835-1587

AWARD OF CONTRACT

The award of the contract, if it be awarded, will be made to the lowest responsible Bidder. The lowest responsible will be notified that his bid has been accepted and that he has been awarded the contract. NCDOT reserves the right to reject all bids.

<u>DIVISION CONTRACT</u> PROJECT SPECIAL PROVISIONS - GENERAL

DESCRIPTION:

This contract is for the cutting and removal of vegetation and debris at designated bridges, culverts, pipes, guardrails, and guiderails in Greene, Jones, and Lenoir Counties.

All work and materials shall be in accordance with the provisions of the General Guidelines of this contract, the Project Special Provisions, the North Carolina Department of *Transportation Standard Specifications for Roads and Structures, July 2006*, the North Carolina Department of Transportation *Roadway Standard Drawings, July 2006*, and the current edition of the *Manual of Uniform Traffic Control Devices* (MUTCD).

The Contractor shall keep himself fully informed of all Federal, State, and Local laws, ordinances, and regulations, and shall comply with the provisions of Section 107 of the 2006 Standard Specifications.

SMALL BUSINESS ENTERPRISE PROGRAM:

This is a Small Business Enterprise (SBE) Program project, and as such, it is restricted to businesses grossing less than \$1,500,000, excluding materials, during the previous calendar year. Contractors must be certified as a SBE Contractor by the Contractual Services Unit of NCDOT and listed as such in the Directory of Transportation Firms at the time of bid opening. Certification requirements and additional SBE Program information may be found at http://www.ncdot.org/business/ocs/sbe/.

As authorized by G.S. 136-28.10 (Highway Fund and Highway Trust Fund Small Project Bidding), the Department's normal bonding and licensing requirements are waived for this SBE project.

MANDATORY PRE-BID CONFERENCE:

In order to bid on this contract, all prospective bidders must attend the Pre-Bid Conference to be held on Wednesday, October 12, 2011 at 2:00 PM at the Division 2 Office Conference Room, located at 105 Pactolus Hwy, Greenville, NC. This meeting will begin promptly at 2:00 PM. Prospective bidders arriving after the 2:00 PM starting time will not be allowed to bid. The Conference will be conducted by Department personnel for the purpose of providing additional information about the project and to give all bidders an opportunity to ask any questions they may have. Only bids received from the bidders who have attended and properly registered at the Pre-Bid Conference will be considered.

Attendance at the Pre-Bid Conference will not meet the requirements of proper registration unless the individual attending has registered with the following information:

- 1. The individual writes his/her name on the official roster.
- 2. The individual writes in the name and address of the company he/she represents.
- 3. Only one company is shown as being represented by the individual attending.
- 4. The individual is an officer or permanent employee of the firm they represent.

CONTRACT TIME AND LIQUIDATED DAMAGES:

The basis of the contract shall be for two (2) cycles per item. The date of availability for the first cycle is **November 14, 2011.** The date of availability for the second cycle is **June 4, 2012.**

The completion date for the first cycle is **March 2, 2012.** The completion date for the second cycle is **September 26, 2012.**

The Contractor shall submit a bid for one (1) year. At the option of the Department, this contract may be extended for two (2) additional periods of one (1) year each for a maximum period of three (3) years total. If the contract is extended, the unit bid prices will be increased by three (3) percent for each one (1) year extension. No changes in the terms, conditions, etc. of this contract will be made when an extension to the contract is implemented. The Engineer will notify the Contractor in writing no later than 30 calendar days prior to the contract expiration if the contract is to be extended. The Contractor must notify the Engineer in writing within 15 calendar days of his acceptance or rejection of this offer. Failure on the part of the Contractor to reply will be considered as a rejection of contract extension.

The contract availability and completion dates will shift 1 day with each renewal cycle in order to remain on the same day of the week as the initial contract period.

The Contractor may begin work prior to the availability date upon approval of the Engineer or his duly authorized representative If such approval is given, and the Contractor begins work prior to the date of availability, the Department of Transportation will assume no responsibility for any delays caused prior to the date of availability by any reason whatsoever, and such delays, if any, will not constitute a valid reason for extending the completion date.

The liquidated damages for this contract are **Three Hundred Dollars** (\$300.00) per calendar day.

INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES (2-20-07)

SP1 G14 B

The Contractor shall not narrow or close a lane of traffic, detain and /or alter the traffic flow on or during holiday weekends, special events, or any other time when traffic is unusually heavy, including the following schedules:

HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS

- 1. For **unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
- 2. For **New Year's Day**, between the hours of 5:00 p.m. December 31st and 8:00 a.m. January 2nd. If New Year's Day is on a Friday, Saturday, Sunday or Monday, then until 8:00 a.m. the following Tuesday.
- 3. For **Easter**, between the hours of 5:00 p.m. Thursday and 8:00 a.m. Monday.
- 4. For **Memorial Day**, between the hours of 5:00 p.m. Friday and 8:00 a.m. Tuesday.
- 5. For **Independence Day**, between the hours of 5:00 p.m. the day before Independence Day and 8:00 a.m. the day after Independence Day.
 - If **Independence Day** is on a Friday, Saturday, Sunday or Monday, then between the hours of 5:00 p.m. the Thursday before Independence Day and 8:00 a.m. the Tuesday after Independence Day.
- 6. For **Labor Day**, between the hours of 5:00 p.m. Friday and 8:00 a.m. Tuesday.
- 7. For **Thanksgiving Day**, between the hours of 5:00 p.m. Tuesday and 8:00 a.m. Monday.

Executive Order 24 also encouraged and invited other State Agencies to implement the requirements and prohibitions of the Executive Order to their agencies. Vendors and contractors should contact other State Agencies to determine if those agencies have adopted Executive Order 24.

DIVISION CONTRACT PROJECT SPECIAL PROVISIONS – ROADWAY

CUTTING AND REMOVAL OF VEGETATION:

The Contractor shall cut all vegetation, accessible by foot, up to three inches (3") in diameter as measured six inches (6") from the ground. The Contractor shall cut undesirable weeds, vines, shrubs, and any other herbaceous and woody growth. The remaining cut vegetation shall be a maximum height of three inches (3") for grass and weedy vegetation and a maximum height of one inch (1") for woody vegetation. For any cut woody vegetation, the Contractor shall both remove the cut woody vegetation from the right of way and properly dispose of it or the contractor shall chip all heavy brush/tree branches and spread the shavings at the project site by the end of each week.

The normal area for cutting and removal of vegetation, clippings, and debris around each <u>PRIMARY</u> bridge, culvert, and pipe site will be measured as forty-five feet (45') from the outer limits of the structure or to the bottom of the slope, whichever is greater. The normal area also includes the area between dual bridges and underneath all bridges (see Detail No.1).

The normal area for cutting and removal of vegetation, clippings, and debris around each <u>SECONDARY</u> bridge, culvert, and pipe site will be measured as thirty-five feet (35') from the outer limits of the structure or to the bottom of the slope whichever is greater. The normal area also includes underneath all bridges (see Detail No.2).

The normal area at all sites shall be reduced if it exceeds the state maintained ROW (i.e. existing line of secondary growth). The Contractor shall not surpass the state maintained ROW limits unless directed by the Engineer.

The normal area for cutting and removal of vegetation at guardrail will be the area beginning at the edge of the pavement and extending five feet (5') beyond the back of the guardrail. In addition, the cutting area shall extend out five feet (5') past the end of the guardrail. This shall include any guardrail attached or under the abovenoted structures. The normal area for guardrail mowing will also include areas between guardrails that are inaccessible by normal highway mowing equipment and do not receive routine mowing. The normal cutting area for cutting and removal of guiderail will be three feet (3') on each side of the median guiderail, and shall extend out three feet (3') past the end of the guiderail.

Payment for guardrail and guiderail will be for the actual number of linear feet of guardrail/guiderail for which the surrounding area has been satisfactorily cleaned and accepted in accordance with the Special Provisions of this contract. Payment for this item shall be full compensation for all labor, equipment, maintenance of traffic, and all other incidentals necessary to complete the work in this contract.

The contractor will notify the Transportation Supervisor, Mr. Harold Lanier, daily of his intended schedule of work. This will allow the technician to schedule his inspections accordingly. This contact information will be provided upon award of contract.

The Contractor shall provide a <u>minimum</u> of four fully operated straight shaft string trimmers or comparable equipment and a service vehicle to complete the project. The Contractor may cut the vegetation by mowing, cutting, weed eating, or other approved methods that are comparable to a minimum of four fully operated straight shaft trimmers.

The Contractor shall be responsible for all cost or charges incurred in the operation and maintenance of the equipment during the term of the contract including, but not limited to; fuel, oil, equipment repairs, etc.

The Contractor shall be responsible for the equipment provided in this contract at all times and at all locations during the term of the contract. The Contractor shall have no claim against the Department of Transportation for any expense involving damage or loss to the contractor's equipment (including vandalism, theft, fire and acts of God, etc.) arising out of, or relating to, work performed under this agreement.

Any designated landscaped areas and/or wetland mitigation sites (as determined by the Engineer) within the limits noted above will be omitted from the contract.

Payment for this work will be made under:

Pay Item	Pay Unit
Cutting and Removal of Vegetation, (County) Primary	Each
Cutting and Removal of Vegetation, (County) Secondary	Each
Guardrail/Guiderail, (County) Primary	Linear Feet
Guardrail/Guiderail, (County) Secondary	Linear Feet

LITTER PICK-UP:

Litter pick-up shall be performed on all areas. There shall be no direct payment for litter pick-up, as this work will be considered incidental to the contract.

POSTED WEIGHT LIMITS:

The Contractor's attention is directed to the fact that many primary and secondary roads and bridges are posted with weight limits less than the legal limit. The Contractor will not be allowed to exceed the posted weight limits in transporting materials or equipment to the project. The Contractor should make a thorough examination of all maps and haul routes on this project.

COOPERATION WITH STATE FORCES:

The NCDOT reserves the right at any time for State Forces to perform other or additional work on or near the work covered by the contract. When State Forces perform work near where contract work is being performed, the Contractor shall conduct their work so as not to interfere with work being performed by State Forces and vice versa. The Contractor shall conduct their operations in such a manner as to avoid damaging any work being performed by State Forces or which State Forces have completed.

TRAFFIC CONTROL:

The Contractor shall maintain traffic during construction and provide, install, and maintain all traffic control devices in accordance with these project guidelines, the Project Special Provisions, North Carolina Department of Transportation *Standard Specifications for Roads and Structures*, and the current edition of the *Manual of Uniform Traffic Control Devices* (MUTCD).

The Contractor shall utilize complete and proper traffic controls and traffic control devices during all operations. All traffic control and traffic control devices required for any operation shall be functional and in place prior to the commencement of that operation. Signs for temporary operations shall be removed during periods of inactivity. The Contractor is required to leave the project in a manner that will be safe to the traveling public and which will not impede motorists. Portable signs may be used in lieu of stationary signs, as directed by the Engineer.

North Carolina Department of Transportation BID FORM

WBS ELEMENTS: 2B.104011, 2B.204011, 2B.105211, 2B.205211, 2B.105411, 2B.205411,

2.104011, 2.204011, 2.105211, 2.205211, 2.105411, 2.205411

COUNTIES: Greene, Jones, Lenoir

DESCRIPTION: Cutting and Removal of Vegetation and Debris at Designated Bridges,

Culvert, Pipes, Guardrails and Guiderails

BID OPENING: Tuesday, October 25, 2011

ITEM	SECT	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT BID
1	SP	CUTTING AND REMOVAL OF VEGETATION, GREENE PRIMARY	42	EA		
2	SP	CUTTING AND REMOVAL OF VEGETATION, GREENE SECONDARY	88	EA		
3	SP	CUTTING AND REMOVAL OF VEGETATION, JONES PRIMARY	34	EA		
4	SP	CUTTING AND REMOVAL OF VEGETATION, JONES SECONDARY	88	EA		
5	SP	CUTTING AND REMOVAL OF VEGETATION, LENOIR PRIMARY	102	EA		
6	SP	CUTTING AND REMOVAL OF VEGETATION, LENOIR SECONDARY	126	EA		
7	SP	GUARDRAIL/GUIDERAIL, GREENE PRIMARY	81,974	LF		
8	SP	GUARDRAIL/GUIDERAIL, GREENE SECONDARY	13,320	LF		
9	SP	GUARDRAIL/GUIDERAIL, JONES PRIMARY	16,022	LF		
<mark>10</mark>	SP	GUARDRAIL/GUIDERAIL, JONES SECONDARY	<mark>6,568</mark>	LF		
11	SP	GUARDRAIL/GUIDERAIL, LENOIR PRIMARY	<mark>79,464</mark>	LF		
12	SP	GUARDRAIL/GUIDERAIL, LENOIR SECONDARY	19,888	LF		

TOTAL BID FOR PR	ROJECT:
CONTRACTORADDRESS	
Federal Identification Number	Contractors License Number
Authorized Agent	Title
Signature	Date

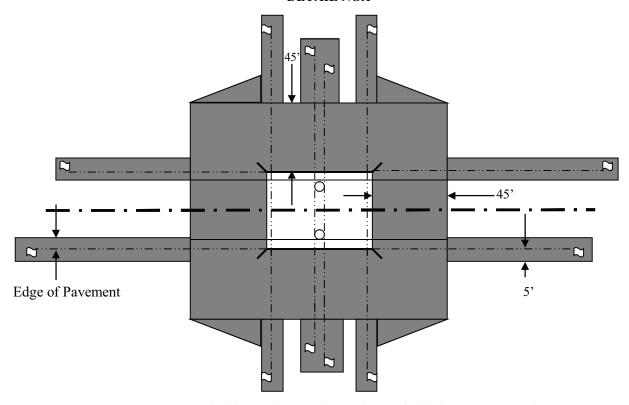
Witness	Title
Signature	Date
This bid has been reviewed in acco	PLETED BY NC DEPARTMENT OF TRANSPORTATION ordance with Article 103-1 of the Standard Specifications fo
This bid has been reviewed in accordance Roads and Structures 2006.	ordance with Article 103-1 of the Standard Specifications fo Date
	ordance with Article 103-1 of the Standard Specifications fo

		GREENE COUNTY GUARDRAILS		
ITEM#	ROUTE	<u>DESCRIPTION</u>	MEAS. FT	
1	US 258	Around Snow Hill	9021	
2	US 264	At Pitt County line	2277	
3	US 264	Near Bell Rd (SR 1311)	549	
4	US 264	Under Overpass on Spring Branch Ch. (SR 1308)	340	
5	US 264	East of 1308 Overpass	731	
6	SR 1311	Just off of US 264	848	
7	US 264 Alt.	At Bell Rd (SR 1311)	402	
8		At School St (SR 1226)	412	
9	SR 1308	Overpass at US 264	2156	
10	NC 58	Near Speights Bridge Rd (SR 1225)	460	
11	NC 58	Nahunta Swamp	1662	
12	US 13	Near Shine & Eden Church Rd (SR 1200)	407	
13	NC 58	1 Mile West of Snow Hill	538	
14	SR 1306	Dead end to US 264	28	
15	SR 1360	Dead end to US 264	28	
16	NC 123	At Hookerton	19859	
17	US 258	At Pitt County line	816	
18	SR 1404	Church Hill Road near 4-way road	734	
19	SR 1222	Sheppard Ferry Road	1122	
20	SR1434	Mike Stocks Rd off NC 123	400	
21	SR1345	Holloman farm Rd. off US 13	456	
22	NC 903	Scuffleton	687	
23	SR 1218	Fort Run Rd	296	
24	NC 58	County line with Wilson County	1558	
25	NC 58	County line with Lenior County	881	
26	NC 58	Just before Lenior County line	387	
27	SR 1438	Hookerton past 123 turnoff	592	
			TOTAL	
			47647	LF
			9.02	MILES
i		Primary	40987	1 =
		Secondary		
		Secondary	0000	ᆫ

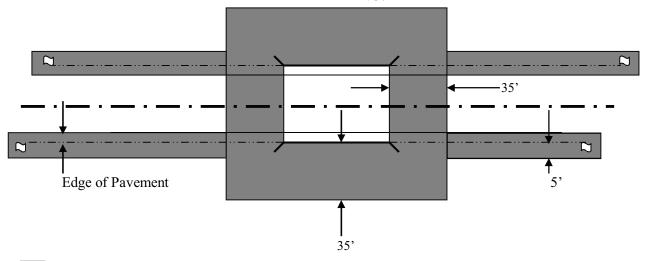
JONES COUNTY GUARDRAILS					
ITEM#	ROUTE	DESCRIPTION	MEAS. FT		
1	NC 58	At Old Mill	534		
2	NC 58	Near McDaniel Rd (SR 1122)	432		
3	NC 58	Near Davis Field Rd (SR 1120)	156		
4	US 17	In Maysville at Onslow County Line	1344		
5	NC 58	Near Catfish Lake Rd (SR 1105)	715		
6	NC 58	Near Natural Forest Road	1287		
7	NC 58	At County Line	699		
8	SR 1100	Carteret County line loop road	472		
9	SR 1121	Oak Grove	590		
10	SR 1130	Near Fortom Rd (SR 1156)	246		
11	SR 1316	Beaver Creek Rd (SR 1316)	464		
12	NC 58	Just before Pollocksville on NC 58	1100		
13	SR 1108	Left at Mallard on US 17	356		
14	SR 1129	Chinquapin Chapel Rd.	533		
15	NC 41	Past Trenton Maint. yard towards US 70	886		
16	NC 41	Near Comfort	858		
17	SR1004	Near Pollocksville	623		
			<u>TOTAL</u>		
			11295	LF	
			2.14	MILES	
		Primary	8011		
		Secondary	3284	LF	

LENOIR COUNTY GUARDRAILS				
ITEM#	ROUTE	DESCRIPTION	MEAS. FT	
1	NC 11	At Pitt County Line	2087	
2	NC 11	At Railroad Crossing	158	
3	NC 903	Just North of Davis-Hardy Rd (SR 1300)	683	
4	NC 903	Second Bridge North of Davis-Hardy Rd (SR 1300)	595	
5	SR 1300	At End of Barber Rd (SR 1301)	222	
6	US 70	At LaGrange Overpass	1678	
7	US 70	West of LaGrange Overpass	305	
8	US 70	West of LaGrange Overpass	7432	
9	US 70	At Falling Creek	1470	
10	US 70	East of Kinston	1803	
11	NC 58	At Southwest Creek	482	
12	NC 58	At Vines Swamp	634	
13	US 258 S	Near Jessie Howard Rd (SR 1923)	615	
14		At Jonestown	308	
15		Into Downtown Kinston	5955	
16	US 70	By-Pass	5579	
17	US 70	Overpass	811	
18	US 70-258	At Stoplight	100	
19	NC 55	East at Neuse River Bridge	2396	
20	NC 58	At Briery Run Creek	519	
21	SR 1152	Hardy Bridge Road	1032	
22	US 258	At Kinston Maintenance	214	
23	SR 2010	Crescent Road by Airport	4967	
24	NC 11	2 Sets between NC 55 & Deep Run	300	
25	NC 11	Deep Run Bridge	1702	
26	NC 11	Between NC 55 & Hills Crossroads	134	
27	SR 1920	At Jones County Line	92	
28	SR 1575	Poole Rd off of Felix Harvey Rd.	1282	
29	NC 11	New Guardrail between #25 and #26	630	
30	SR 1515	Aldridge Store Rd	832	
31	NC 11	Just before Coastal Chemical after #2	2657	
32		Outside of La Grange on Washington St.	583	
33	SR 1004	Between Eubanks Rd and NC 58	934	
34	NC 55	Between NC11 and #19	485	
			TOTAL	
			49676	LF
			9.41	MILES
		Primary	39732	
		Secondary	9944	LF

PRIMARY bridge, culvert, pipe and guardrail sites (not to scale) **DETAIL NO.1**



SECONDARY bridge, culvert, pipe and guardrail sites (not to scale) **DETAIL NO.2**



- Normal area where vegetation is to be removed (includes underside of bridge and guardrail). PAID AS EACH